



Pushpanjali

Senior Molecular Scientist



Bangalore, India



+91-9523911460



linkedin.com/in/pushpanjalisingh



pushpanjalisingh.nl@gmail.com

About me

- 2 years work experience as molecular biologist
- A versatile biotechnology post graduate with specialization in plants
- Recognized for smart handling of instruments and accuracy in measurement

Skills

Sanger Sequencing

PCR

RAPD, SNP, Allele Specific, AFLP

Primer Designing

Tissue Culture

Barcode

DNA, RNA, Plasmid Isolation

Library Preparation

Objective

Learn new things every day and simultaneously add value to the organization. Seeking long term growth in a position where I can utilize my extensive expertise for mutual growth.

Experience

2018-2020 *Biokart India Private Limited, Bangalore*

Full Time

The responsibilities include:

- DNA & RNA extraction from various samples including human ones
- Handling and performing entire Sanger Sequencing which include QC of sample, PCR, Purification (column/gel extraction), Loading Samples into the Sequencer, Gel Electrophoresis, Sequence Analysis
- SOP's manual preparation and Data/Report submission to the clients
- Preparation of PCR purification kit and DNA extraction kit
- Manual preparation for SOPs and directly reaching out to clients

2014-2015 *Mahavir Cancer Sansthan*

Training

Hands on experience in performing the following tests:

- Liver function tests like Bilirubin Test, SGPT and SGOT
- Kidney function tests: Creatinine Test, Urea Test and Uric Acid Test
- Hemoglobin Test, Cholesterol Test and Glucose Test
- RBC, WBC and Sperm Count and determination of blood groups

2017-2018 *Banaras Hindu University*

Project

- Did morphological and biochemical characterization of cellulolytic enzyme by *Aspergillus niger* from humus of paddy field
- Collected various morphological readings and examined cellulase activity of cellulolytic enzyme by *Aspergillus niger* at various temperature, incubation period and nitrogen sources.

Education

2016-2018 Masters

Banaras Hindu University

Completed Master of Science degree in Biotechnology with overall GPA of 8.05

2013-2016 Bachelors

Patna Science Collage

Completed Bachelors of Science degree in Biotechnology with distinction

2010-2012 Senior Secondary

DAV Public School

Obtained 75% with Physics, Chemistry, Biology, English and Physical Education

Other Informations

- Proficient in English, Hindi and Maithili
- Avid supporter of environmental conservation
- An excellent cook and love cooking